

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

61
pub
pc1
1. (Currently Amended) A ~~bearing member~~ dynamic pressure bearing device, comprising:

a cylindrical member for rotatably supporting a shaft member, wherein the cylindrical member is composed of a copper metal; ~~and~~
a film composed of cupric benzotriazole formed on a surface of the cylindrical member; and
a lubricating fluid including benzotriazole and filled in a bearing gap space formed between the cylindrical member and the shaft member;

wherein the cupric benzotriazole film is formed by reacting copper in the cylindrical member with the benzotriazole in the lubricating fluid.

2. (Original) A bearing member according to claim 1, wherein the film composed of cupric benzotriazole is formed on all surfaces of the cylindrical member.

3. (Original) A bearing member according to claim 1, wherein the film composed of cupric benzotriazole is an anti-rust film that substantially prevents water and oxygen from entering the copper metal that forms the cylindrical member.

4. (Original) A bearing member according to claim 1, wherein the anti-rust film has a thickness of about 10^{-10} mm.

61 cont
C1 cont

5. (Previously Canceled)

6. (Currently Amended) A dynamic pressure bearing device comprising:

a bearing member including a shaft member;

a cylindrical member that rotatably supports the shaft member, wherein the cylindrical member is made from a copper metal; and a film composed of cupric benzotriazole formed on a surface of the cylindrical body; and

a lubricating fluid including benzotriazole and filled in a bearing gap space formed between the cylindrical member and the shaft member;

wherein the cylindrical member includes a dynamic pressure bearing sleeve that relatively rotatably supports the shaft member through dynamic pressure of a lubricating fluid; and

wherein the cupric benzotriazole film is formed by reacting copper in the cylindrical member with the benzotriazole in the lubricating fluid.

7. (Canceled)

8. (Currently Amended) A dynamic pressure bearing device according to claim 7 6, wherein the lubricating fluid includes benzotriazole at a ratio of between 0.01 wt.% and 10 wt. %.

9. (Currently Amended) A dynamic pressure bearing device according to claim 7 6, further comprising a capillary sealing section provided at an opening area of the bearing gap space for holding the lubricating fluid within the bearing gap space by surface tension.

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10. (Original) A dynamic pressure bearing device according to claim 9, wherein a new film composed of cupric benzotriazole is automatically formed at the capillary sealing section when the film composed of cupric benzotriazole is eliminated at the capillary sealing section.

C1
cont

11. (Original) A dynamic pressure bearing device according to claim 9, wherein the lubricating fluid including cupric benzotriazole forms a new film composed of cupric benzotriazole at the capillary sealing section when the film composed of cupric benzotriazole is eliminated at the capillary sealing section.

12-20. (Previously Canceled)

21-22. (Canceled)